



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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January 18, 2005

IN REPLY PLEASE

REFER TO FILE: **PD-2**

TO: Each Supervisor

FROM: Donald L. Wolfe
Acting Director of Public Works

STORM REPORT-JANUARY 11, 2005

As a follow-up to our previous report to your Board, dated January 11, 2005, we have the following information to report. Also, attached is an updated copy of the Public Works Situation Status Report.

On January 15, 2005, Governor Schwarzenegger proclaimed a State of Emergency for several counties, including Los Angeles County, due to damages caused by the recent storms. There are a total of 57 reported County road closures, which are identified on the attached copy of the Road Closure Report. Of these 57, the following 13 are "urgent" priorities.

- San Francisquito Canyon Road-Copper Hill Drive/Spunky Canyon Road (Disaster Route)
- Bouquet Canyon Road-Vasquez Canyon Road/David Way (Disaster Route)
- Bouquet Canyon Road at United States Forestry Service Ranger Station
- Lake Hughes Road-Ridge Route Road/Elizabeth Lake Road
- Lake Hughes Road south of Warm Springs
- Angeles Forest Highway-Aliso Canyon Road/Angeles Crest Highway
- Latigo Canyon Road-Kanan Dume Road/Newton Canyon Road
- Cold Canyon Road-Woodbluff Road/Mulholland Highway
- Las Flores Canyon Road (immediately south of Hume Road)—partially open
- Schueren Road (south of Saddle Peak Road)—partially open
- Saddle Peak Road (east of Schueren Road)—partially open
- Three Points Road-Pine Canyon Road to Highway 138
- Tapia Canyon Road-Charlie Canyon Road to Castaic Road

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The cost of storm-related damages to public infrastructure Countywide is currently estimated to be approximately \$90 million. Of this amount, \$50 million of damages is to County infrastructure and approximately \$900,000 in private property damage within the unincorporated County area. The total cost associated with the State infrastructure damages within Los Angeles County is currently estimated to be approximately \$13 million. We are working with the State Office of Emergency Services to pursue eligible reimbursement under the current State declaration. We are also working with Office of Emergency Services on a Federal declaration.

Our Traffic and Lighting Division is meeting with Caltrans today to coordinate the necessary detours to minimize traffic delays. The Antelope Valley and the Malibu/Topanga/Agoura areas will experience significant commuter delays until the roads are repaired and reopened. I will be requesting Delegated Authority at next week's Board hearing to expedite several emergency service contracts to repair the urgent priorities.

SDS:la

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Attach.

cc: Chief Administrative Office
Executive Office

DEPARTMENT OF PUBLIC WORKS SITUATION STATUS

EVENT: Rainstorm of January 7, 2005

STATUS AS OF 9:00 AM, January 18, 2005

The Department Operations Center was activated to LEVEL 1 activation at 3:00 PM, January 7, 2005. SITSTAT was requested to activate at 4:00 PM, January 9, 2005.

EVENT SUMMARY

Location	Amount (inches)*	Amount (inches)**
Alhambra (Fremont) HQ	9.52	28.80
L.A. River @ Wardlow – Long Beach	4.16	14.24
L.A. Civic Center	4.84	20.36
Big Rock Mesa	8.16	23.88
Mint Canyon @ Fitch	5.16	16.20
Puddingstone Diversion Dam	9.80	26.44
L.A. 96th & Central	3.92	18.52

* Report period from 3:00 AM (01/07/05) to 10:30 AM (01/11/05)

** Total storm season year-to-date rainfall.

Total seasonal rainfall to date @ L.A. Civic Center is 20.36 inches. Normal seasonal precipitation to date is 5.31 inches.

BRIDGES

All bridges are now secured.

ROADS AND HIGHWAYS

Significant Road Closures:

- San Francisquito Canyon Rd-Copper Hill Dr/Spunky Canyon Rd (Disaster Route)
- Bouquet Canyon Rd-Vasquez Canyon Rd/David Wy (Disaster Route)
- Lake Hughes Rd-Ridge Route Rd/Elizabeth Lake Rd
- Angeles Crest Hwy-Bay Tree Rd/Angeles Forest Hwy (Caltrans)
- Angeles Forest Hwy-Aliso Canyon Rd/Angeles Crest Hwy
- Interstate 5 at Templin Hwy-N/B reduced to 3 lanes, S/B reduced to 2 lanes (Caltrans)
- Topanga Canyon Rd (Caltrans)
- Latigo Canyon Rd-Kanan Dume Rd/Newton Canyon Rd
- Cold Canyon Rd-Woodbluff Rd/Mulholland Hwy
- Las Flores Canyon Rd-immediately south of Hume Rd – partially open

SITUATION STATUS REPORT

January 18, 2005, 9:00 AM

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- Schueren Rd-south of Saddle Peak Rd – partially open
- Saddle Peak Rd-east of Schueren Rd – partially open

FLOOD CONTROL SYSTEM

The following damage to Flood Control Facilities remains to repaired/resolved:

- Retaining wall belonging to the Sheriff's Department along the property line with Pickens Yard completely collapsed under saturated conditions.
- Levy washout at Pacoima Dam
- A portion of the access road for Rio Hondo Channel was damaged during the storm.
- Trancas Canyon Debris Structure - overflow pipes damaged.

WATERWORKS

- Rockslide at Topanga Beach Pump Station - temporary repairs have been completed and the pump station is operational.
- Las Virgenes Interconnection at Saddle Peak remains out of service.
- Landslide 20720 and 20726 Cheney Dr – Customers' water service has been restored with a temporary connection.
- A very large landslide (300 ft +) has broken the two house lines to 3936 Via Costera and 21651 Rambla Vista. Water service has not yet been restored.
- Landslide Wight Road and PCH – Water service to 3 customers not yet restored.

SEWER MAINTENANCE

No damage was reported.

CONSTRUCTION

No incidents occurred on any projects.

PRIVATE STRUCTURES

Infrastructure damage (private) is approximately \$900,000 within the unincorporated County areas and the cities of Carson and La Canada Flintridge.

Building and Safety Division also received 128 reports of non-structural damage.

Reviewed by:

MD	Project Descriptions	Priority	Resp.	Design Inv.	Rough Approx. F.Y. 2005	Rough Approx. F.Y. 2006	Comments
MD 1	Mt Baldy RD- removal of slide material, mud and debris from debris basins and culverts at various locations along Mt Baldy Rd.	Mod	RMD	No	\$500,000		Culvert Clean PO or JOC ?
	Santa Anita Canyon Rd- removal of slide material (about 10,000 CY), and possible road failure repairs at various locations along Santa Anita Canyon. The cities of Sierra Madre, Arcadia and Monrovia may like to participate in this emergency contract work	Mod	PDD City Services	Yes	\$500,000		
MD 3	Las Flores Canyon Rd immediately south of Hume Rd, out board shoulder is failing, cracks in pavement indicate we will loose at least 3 X 60 feet of pavement when this slope completely fails.	Urgent	PDD	Yes	\$800,000		
	Maguire Dr @ CM 0.21 (TG 627-J5), Slope is failing below the culvert. Failure has expanded above the culvert and we have lost the AC inverted shoulder.	Mod	PDD	Yes	\$300,000		
	4096 Maguire Dr , outboard slope has failed and we have lost the AC inverted shoulder.	Mod	PDD	Yes	\$250,000		

Project Descriptions	Priority	Resp.	Design Inv.	Rough Approx.	Rough Approx.	Comments
Saddle Peak Rd east of Schueren Rd, 1 large slide, 2 smaller slides that might be combined into one site.	Urgent	PDD	Yes	\$400,000		
Schueren Rd south of Saddle Peak Rd, 1 large slide, 1 smaller slide and both are growing.	Urgent	PDD	Yes	\$400,000		
Hillside Dr near Summit Rd (west of Topanga Cyn Bl), 1 large slide.	Mod	PDD	Yes	\$250,000		
Latigo Cyn Rd at MM 2.08, plugged culvert caused storm runoff to wash over the road and severely eroded the fill bank	Mod	PDD	Yes	\$200,000		
Lake Hughes Canyon Road - Camp Munz to Pine Canyon Road - Replace damaged board walls with 4 ton rip rap and restore edge of pavement and missing shoulders.	Urgent	RMD/PMD	Yes	\$500,000		JOC ?

Project Descriptions	Priority	Resp.	Design Inv.	Rough Approx.	Rough Approx.	Comments
<p>San Francisco Canyon Road - Low Ridge to Dry Gulch - Restore pavement and shoulders. Add shoulder protection (4 ton rip rap) along sections subject to erosion. Open and pave the San Fran Realignment section, construct Bridge over the creek, abandon the section of road adjacent to the creek which is occupied by the red legged frog. I believe that plans for the bridge already exist. The realignment section appeared to suffer little damage during the storm, so making this move at this time could be the right thing to do both from a maintenance and environmental standpoint.</p>	Urgent	PDD	Yes	\$4,000,000		Red legged frog
<p>Tapia Canyon Road - Restore entire road that was washed away. This was a 98 storm project, so plans should exist, but will have to go back to the beginning. I believe that the 98 project was never fully completed due to environmental permitting/concerns</p>	Urgent	PDD	Yes	\$1,000,000		Phased
<p>Templin Highway - All culverts need cleaning out</p>	Urgent	RMD/PMD	No	\$250,000		JOC, PO ?

Project Descriptions		Priority	Resp.	Design Inv. Yes, min.	Rough Approx. \$500,000	Rough Approx.	Comments
Bouquet Canyon Road - Vasquez Canyon Road to 1500' southerly. Restore washed out roadway		Urgent	PDD				Stickleback
Bouquet Canyon Road @ USFS Ranger Station - Re-establish creek away from the roadway, repair any damaged pavement locations.		Urgent	PDD	Yes	\$500,000		Stickleback
Lake Hughes Canyon Road s/o Warm Springs - Remove 40,000 CY Slide		Urgent	RMD/PMD	No	\$400,000		Underway by FA; JOC Assistance ?
Three Points Road - Pine Canyon Road to Highway 138 - Restore roadway and shoulders and add shoulder protection (4 ton rip rap) along those sections subject to erosion.		Urgent	RMD/PDD	Possibly	\$400,000	\$400,000	JOC ?
TOTALS					\$10,650,000	\$900,000	

Found 57 road closures:

Area	Status	Location	Reason	Closed
5	REMAINS CLOSED	RC - BIG PINES HY - LARGO VISTA ROAD / ANGELES CREST HY	ROAD CLOSED DUE TO TRAFFIC CONGESTION	01-15-2005
5	REMAINS CLOSED	RC - 150TH STREET EAST - AVE R / PALMDALE BLVD	ROAD CLOSED DUE TO MUD IN ROADWAY	01-14-2005
5	REMAINS CLOSED	RC - SAN FRANCISQUITO CYN RD - COPPER HILL DR / SPUNKY CANYON RD	CLOSED DUE TO FLOODING	01-14-2005
3	REMAINS CLOSED	RC - MALIBU DR @ CM 0.18 / SEE NOTES	ROAD CLOSED DUE TO PLUGGED DRAIN AND SLOPE FAILURE	01-11-2005
5	REMAINS CLOSED	RC - AE/50TH STREET WEST - AVENUE M / AN/AVENUE M	ROAD CLOSED DUE TO FLOODING AND STRUCTURAL FAILURE	01-11-2005
5	REMAINS CLOSED	RC - AN/AVENUE M - 50TH ST WEST / AE/50TH ST WEST	CLOSED DUE TO FLOODING AND STRUCTURAL FAILURE	01-11-2005
5	REMAINS CLOSED	RC - EAST FORK ROAD - GLENDORA MTN RD TO SAN GABRIEL CYN RD BY LACOFD	CLOSED DUE TO WASHOUT AT BRIDGE NEAR CAMP WILLIAMS: EMERGENCY ACCESS AVAILABLE	01-10-2005
5	REMAINS CLOSED	RC - 120TH ST EAST - AVENUE I / AVENUE H	ROAD CLOSED DUE TO FLOODING	01-10-2005
5	REMAINS CLOSED	RC - HIGHLAND DRIVE BERKSHIRE TO LINDA VISTA	SLIDE MATERIAL OF INVERNESS DR DEPOSITED ON ROADWAY	01-10-2005
5	REMAINS CLOSED	RC - INVERNESS DRIVE - SAINT KATHERINE TO NORMANDY	EXTENTS CORRECTED, ROAD CLOSED - WASHOUT @ 521 INVERNESS - CITY CONTRACT REQUEST	01-10-2005
3	REMAINS CLOSED	RC - COLD CYN RD - WOODBLUFF RD / MULHOLLAND HWY	MUD AND ROCK SLIDES/ ASSOCIATED WITH W/O # 2092305	01-10-2005
5	REMAINS CLOSED	RC - NORTH TR - KAGEL CANYON RD / SPRING TR	ROAD CLOSED DUE TO FLOODING	01-10-2005
5	REMAINS CLOSED	RC - RIDGE ROUTE RD - 4 MI N/O LAKE HUGHES RD / TEMPLIN HY	ROCK / MUDSLIDE / DEBRIS ON ROADWAY	01-10-2005
5	REMAINS CLOSED	RC - BOUQUET CANYON RD - DAVID WY RD / VASQUEZ CANYON RD	CLOSURE DUE TO PAVEMENT FAILURE	01-10-2005
5	REMAINS CLOSED	RC - GOLDCREEK RD - HATHAWAY FOUNDATION / LITTLE TUJUNGA CYN RD	ROAD CLOSED DUE TO MUDSLIDE IN SEVERAL LOCATIONS	01-10-2005
5	REMAINS CLOSED	RC - AVENUE S - LONGVIEW RD / 165TH STREET EAST	HIGH VOLUME OF WATER RUNNING OVER ROADWAY	01-10-2005
5	REMAINS CLOSED	RC - BIG ROCK CREEK RD - 3379 S MM 05.29 / VALYERMO RD	CLOSURE DUE TO ROAD FAILURE	01-10-2005
5	REMAINS CLOSED	RC - 50TH ST EAST - AVENUE I / AVENUE H	CLOSED DUE TO FLOODING	01-10-2005
3	REMAINS CLOSED	RC - LATIGO CYN RD - KANAN DUME RD / NEWTON CYN RD	PLUGGED DRAIN @ CM 2.08 CAUSED WASHOUT OF SHOULDER	01-09-2005
5	REMAINS CLOSED	RC - TAPIA CN RD - CHARLEY CYN / CASTAIC ROAD	CLOSED DUE TO ROAD FAILURE	01-09-2005
5	REMAINS CLOSED	RC - SPUNKY CYN RD - SN FRANSQT CN RD / BOUQUET CYN	CLOSURE DUE TO FLOODING	01-09-2005

		RD		
5	REMAINS CLOSED	RC - BIG DALTON CANYON RD - CLOSED TO SLIDE	ROAD CLOSED BY CITY OF GLENDDORA DUE TO SLIDE	01-09-2005
5	REMAINS CLOSED	RC - VASQUEZ CYN RD - BOUQUET CYN RD / SIERRA HWY	ROAD CLOSURE DUE DOWN ROAD FAILURE	01-09-2005
5	REMAINS CLOSED	RC - BIG TUJUNGA CANYON RD - 5280 W MM 01.00 / DOSKE RD	CLOSURE DUE TO MUD SLIDE	01-09-2005
5	REMAINS CLOSED	RC - CHANEY TR - 0450 N LOMA ALTA DR / 3200 N LOMA ALTA DR	Road closed due to slides	01-09-2005
5	REMAINS CLOSED	RC - AVENUE T - 165TH ST EAST / LONGVIEW RD	BIG ROCK CREEK FLOWING OVER ROADWAY	01-09-2005
3	REMAINS CLOSED	RC - GRANDVIEW DR - OBSERVATION DR / TOPANGA CYN BL	MUDSLIDE @ FALLS DR	01-09-2005
5	REMAINS CLOSED	RC - THE OLD RD - HILLCREST PARKWAY TO PARKER ROAD	CLOSURE DUE TO FLOODING	01-09-2005
5	REMAINS CLOSED	RC - 50TH ST EAST - AVENUE H / AVENUE E	CLOSED DUE TO FLOODING / DEBRIS	01-09-2005
5	REMAINS CLOSED	RC - LITTLE TUJUNGA CYN RD - OSBORNE ST / PLACERITA CYN RD	ROAD CLOSED DUE TO MUDSLIDE	01-09-2005
3	REMAINS CLOSED	RC - ENCINA RD - ENTRADA RD / MUERDAGO RD	ROADWAY UNDERMINING	01-09-2005
5	REMAINS CLOSED	RC - SAN DIMAS CYN RD - 1640 N GOLDEN HILLS RD / 1478 N MM 00.28	CLOSED DUE TO 2 LAND SLIDES COVERING THE ROAD	01-09-2005
5	REMAINS CLOSED	RC - SANTA ANITA CANYON RD - 7775 N ARNO DR / 14465 N ARNO DR	DUE TO SLIDE BLOCKING WHOLE ROAD ON CITY OF ARCADIA JURISDICTION	01-09-2005
5	REMAINS CLOSED	RC - AVENUE H - 50TH STREET EAST / 60TH STREET EAST	CLOSED DUE TO FLOODING	01-09-2005
5	REMAINS CLOSED	RC - BOUQUET CANYON RD - SPUNKY CYN RD / ELIZABETH LK RD	ROAD CLOSED DUE TO FLOODING	01-09-2005
5	REMAINS CLOSED	RC - THREE POINTS RD - PINE CANYON RD / LANCASTER RD	ROAD CLOSED DUE TO PAVEMENT WASHED AWAY IN DIFFERENT LOCATIONS	01-09-2005
5	REMAINS CLOSED	RC - 110TH ST EAST - AVENUE L / AVENUE K	CLOSED DUE TO MUD REMOVAL BETWEEN AVE K AND AVE H	01-09-2005
5	REMAINS CLOSED	RC - AVENUE I - 90TH STREET EAST / 110TH STREET EAST	ROAD CLOSED DUE TO FLOODING	01-09-2005
3	REMAINS CLOSED	RC - MALIBU CYN @ CIVIC CENTER RD	MUD SLIDES AND ROCK IN ROAD WAY	01-09-2005
5	REMAINS CLOSED	RC - SAND CANYON RD - MM5.60 / GOLDCREEK RD	ROAD CLOSED DUE TO MUDSLIDE, TREE DOWN AND ACCIDENT	01-08-2005
5	REMAINS CLOSED	RC - LOPEZ CYN RD RD - BAILEY TO KAGEL CYN RD	ROAD CLOSED DUE TO FLOODING	01-08-2005
5	REMAINS CLOSED	RC - 110TH ST EAST - AVENUE K / AVENUE H	CLOSED DUE TO DEBRIS AND MUD ON THE ROAD	01-08-2005
5	REMAINS CLOSED	RC - 70TH ST EAST - PALMDALE BL / AVENUE N	ROAD CLOSED DUE TO FLOODING AND WASHED OUT.	01-08-2005
5	REMAINS CLOSED	RC - AVENUE N - 50TH STREET EAST / 70TH STREET EAST	CLOSED DUE TO HIGH VOLUME FLOODING, MUD & DEBRIS. 50' W/BOUND LANE GONE.	01-08-2005
5	REMAINS	RC - GLENDDORA MOUNTAIN ROAD-	MAJOR SLIDE, WASHOUTS ON ROAD	01-08-2005

	CLOSED			
5	REMAINS CLOSED	RC - LAKE HUGHES ROAD - RIDGE ROUTE ROAD / ELIZABETH LAKE ROAD	ROAD CLOSED DUE TO SLIDE	01-08-2005
5	REMAINS CLOSED	RC - UPPER BIG TUJUNGA CANYON RD - ANGELES FOREST HY / ANGELES CREST HY (HWY 2)	ROAD CLOSED DUE TO SLIDES NEAR ANGELES CREST HY	01-08-2005
5	REMAINS CLOSED	RC - CHAIN CONTROLS 7000+	CHAIN CONTROLS 7000+ . ROAD DIVISION 558	01-08-2005
5	REMAINS CLOSED	RC - ANGELES FOREST HY - ALISO CANYON RD / ANGELES CREST HY	ROAD CLOSED DUE TO ROCK SLIDES	01-08-2005
5	REMAINS CLOSED	RC - 140TH STREET EAST - PALMDALE BLVD / AVENUE Q	ROAD CLOSED DUE TO RUSHING WATER. PAVEMENT MISSING.	01-08-2005
5	REMAINS CLOSED	RC - AVENUE Q - 130TH STREET EAST / 145TH STREET EAST	ROAD CLOSED DUE TO FLOODING. ROAD WASHED OUT.	01-08-2005
5	REMAINS CLOSED	RC - BOUQUET CANYON RD - VASQUEZ CANYON RD / SPUNKY CANYON RD	ROAD CLOSED DUE TO FLOODING	01-08-2005
5	REMAINS CLOSED	RC - BIG TUJUNGA CYN RD - DOSKE RD / ANGELES FOREST HY	CLOSURE DUE TO 1,000 CY SLIDE	01-08-2005
5	REMAINS CLOSED	RC - COPCO AV - 3400 S BS/CAL AQDT/2363 / QUAIL LAKE RD	ROAD CLOSED DUE TO FLOODING	01-07-2005
5	REMAINS CLOSED	RC - TABLE MOUNTAIN RD - ANGELES CREST HY / 6700 N ANGELES CREST HY	ROAD CLOSED DUE TO SNOW AND ICE. ONE LANE DUE TO 6-7 FT DRIFTS.	01-07-2005
5	REMAINS CLOSED	RC - GLENDORA RIDGE ROAD- FROM GLENDORA MTN RD TO MT BALDY RD	CLOSURE DUE TO WASHOUTS, SLIDES - WILL REMAIN CLOSED TILL FURTHER NOTICE	01-07-2005
4	REMAINS CLOSED	RC - PALOS VERDES DR EAST - BRIDLEWOOD CR / NARBONNE AV	ROAD CLOSED DUE TO DRAIN COLLAPSE	01-03-2005

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